## Fall 2011 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

#### Sacramento River Basin

NA0003	Overall LMA	Total LMA				
Butte County Public Works	Rating	Miles				
	Α	24.71				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
Earthen Levee Encroachments	0.05		0.05	0.20%	0.15	0.55
Animal Control	0.04		0.04	0.16%		
Slope Stability	0.01		0.01	0.04%		
Supplemental						
USACE Erosion Survey	0.01		0.01	0.04%		
LMA Totals:	0.11	0.00	0.11	0.45%	0.15	0.55
Unit No. 01 Mud Creek RB	Overall Unit Rating	Total Unit Miles				
NA0003	Α	7.29				
Dated Harry	NA NA:1	LLNAHaa	NA L ALL NAILs	Throok ald 0/		chments
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Encroachments	0.05		0.05	0.69%	0.07	0.05
Animal Control	0.04		0.04	0.55%		
Supplemental						
USACE Erosion Survey	0.01		0.01	0.14%		
Unit Totals:	0.10	0.00	0.10	1.37%	0.07	0.05
Unit No. 02 Mud Creek LB	Overall Unit Rating	Total Unit Miles				
NA0003	A	8.20				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
Encroachments		<u> </u>				0.32
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.32
			2.00	0.5070	3.00	J.02
Unit No. 02A Channel Slough LB	Overall Unit Rating	Total Unit Miles				
NA0003	A	0.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		CO Miles
No Items	IVI IVIIICS	O WIIIC3	W + 40 Wiles	THICSHOID 70	1 O WIIICO	OO WIIICO
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
			0.00	0.0070	0.00	0.00
Unit No. 03 Sycamore and Sheep Hollow Creeks RB	Overall Unit Rating	Total Unit Miles				
NA0003	Α	4.13				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		chments CO Miles
Earthen Levee Slope Stability	0.01		0.01	0.24%		
Unit Totals:	0.01	0.00	0.01	0.24%	0.00	0.00
Offit Totals.	0.01	0.00	0.01	0.27/0	0.00	0.00

## Fall 2011 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 04 Sycamore and Dry Creeks RB	Overall Unit Rating	Total Unit Miles				
NA0003	Α	2.94				
					Encroad	hments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Earthen Levee						
Encroachments					0.08	0.18
Unit Totals:	0.00	0.00	0.00	0.00%	0.08	0.18
Unit No. 05 Big Chico Diversion LB	Overall Unit Rating	Total Unit Miles				
NA0003	A	1.85				
					Encroad	hments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00

## **LMA District Cover Sheet**

### Fall 2011 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)	
* Overall LMA Rating (Fall Only)			A		
	** Non-receipt of Su	ummer or Winter Inspe	ection Reports may effec	ct overall annual rating.	
* SPRING INSPECTIONS: Overall maintenance deficiencies are rated		nined for the spring ins ria in the spring and in		ual maintenance	
FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.					
Comments					

### **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

## **Butte County Public Works**

	Water	way		Bank	Unit Miles
	Unit No. 01 N	Mud Creek		Right	7.29
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)	(	(11.11.13.14)	A		
Date of Inspection	4/20/2011 - 4/20/2011		11/16/2011 - 11/16/2011		
DWR Inspector	Bob Duffey		Bob Duffey		
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.		
project components conditions other that deficiencies identified.  During the current with project components maintenance and the following changes in	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p identified in the attached Leve the corrections we have made to n flood project conditions.	ee Inspection Report by intenance and the corre- period, my staff or I hav be Inspection Report by to maintenance deficience	Mile. We have found no chan ections we have made to main e inspected the levee and assort Mile. In addition to the results cies identified in the report, we	ges in flo tenance ociated fl of our no have fou	ood project ood ormal und the
	n (Land Side, Water Side, or C				
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represer ch 31 (Winter Inspection). Plean respection Reports e, Suite 200	ntative an	d returned to

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

## **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/16/2011 11/16/2011	Bob Duffey

										Issue
LMR I	Levee		Category	Item	Location	Rating	Action/Comment	GPS Latitude	e/Longitude	No.
No.	Start	End	3333		ion	Ŋ		Start	End	Photo
1	2.06	2.10	Earthen Levee	Encroachments	LS	СО	Fences	39.748330 ° -121.918685 ° -	39.748867 ° 121.918533 °	3 Y
2	2.16	2.16	Earthen Levee	Encroachments	LS	СО	Buildings	39.749732 ° -121.918270 ° -	39.749732 ° 121.918270 °	24
3	2.18	2.25	Earthen Levee	Encroachments	LS	РО	Fences	39.749917 ° -121.917738 ° -	39.753355 ° 121.922915 °	4
4	2.65	2.65	Earthen Levee	Encroachments	LS	М	Prunings	39.755897 ° -121.914808 ° -	39.755897 ° 121.914808 °	2 Y
5	2.90	2.90	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.758788 ° -121.912383 ° -	39.758788 ° 121.912383 °	11 Y
6	3.00	3.00	Earthen Levee	Encroachments	LS	М	Prunings	39.759755 ° -121.911160 ° -	39.759755 ° 121.911160 °	1 Y
7	3.10	3.10	Earthen Levee	Encroachments	LS	М	Prunings	39.761085 ° -121.911048 ° -	39.761085 ° 121.911048 °	25
8	3.22	3.22	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.762548 ° -121.909872 ° -	39.762547 ° 121.909868 °	6
9	3.33	3.33	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.764123 ° -121.908970 ° -	39.764123 ° 121.908970 °	12
10	3.98	3.98	Earthen Levee	Encroachments	LS	М	Prunings	39.770351 ° -121.901349 ° -	39.770351 ° 121.901349 °	5
11	4.21	4.21	Earthen Levee	Animal Control	LS	С	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.772175 ° -121.897963 ° -	39.772175 ° 121.897963 °	7
12	4.22	4.22	Supplemental	USACE Erosion Survey	WS	М	Inspector Comments: 2011: Two large erosion scallops at the toe from a rotational failure. Deep cracks along the slope indicate the potential for further failures. [2011 Site ID: MUD_4-4_R]	39.773257 ° -121.895618 ° -	39.773969 ° 121.895078 °	13 Y
13	4.58	4.58	Earthen Levee	Encroachments	LS	М	Prunings	39.775908 ° -121.893947 ° -	39.775908 ° 121.893947 °	21
14	4.92	4.92	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.780170 ° -121.891352 ° -	39.780170 ° 121.891352 °	8
15	6.12	6.16	Earthen Levee	Trim / Thin Trees	LS	С	Trim trees to at least five feet above ground level.	39.793370 ° -121.887312 ° -	39.794052 ° 121.887125 °	9
16	6.24	6.28	Earthen Levee	Trim / Thin Trees	LS	С	Trim trees to at least five feet above ground level.	39.794867 ° -121.886398 ° -	39.795157 ° 121.885893 °	10

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment

## Levee Inspection Report By Mile - Fall 2011

## **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/16/2011 11/16/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	2.06
End Levee Mile	2.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fences along	the L/S toe.

rduffey\_f\_20110927\_451.jpg

Levee Mile Report Line	4
Start Levee Mile	2.65
End Levee Mile	2.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the prunings pile	

View of the prunings pile.

rduffey\_f\_20111121\_475.jpg

Levee Mile Report Line	5
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of the squirrel holes	& bait station.







* Location	*	Location
------------	---	----------

LS : Land Side WS : Water Side CR : Crown

rduffey\_f\_20111121\_474.jpg

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor

N : Not Inspected, see Inspector Comment

## Levee Inspection Report By Mile - Fall 2011

# **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/16/2011 11/16/2011	Bob Duffey

Levee Mile Report Line	6
Start Levee Mile	3.00
End Levee Mile	3.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the pruning pile a	along the L/S toe.

rduffey\_f\_20110927\_450.jpg

Levee Mile Report Line	12
Start Levee Mile	4.22
End Levee Mile	4.22
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_MUD\_4-4\_R\_1.jpg

Levee Mile Report Line	12
Start Levee Mile	4.22
End Levee Mile	4.22
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	

USACE2011\_MUD\_4-4\_R\_2.jpg







^ Location						
LS : Land Side						
WS : Water Side						
CR : Crown						

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment

### **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

## **Butte County Public Works**

Waterway	Bank	Unit Miles
Unit No. 02 Mud Creek	Left	8.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	4/20/2011 - 4/20/2011		11/16/2011 - 11/16/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	
Check one:				
project components conditions other that	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai d in the enclosed report.	e Inspection Report by	Mile. We have found no chan	ges in flood project
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to a flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our normal
	ction below or on additional she n (Land Side, Water Side, or C			
Comments				
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleanspection Reports e, Suite 200	tative and returned to

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	8.20	11/16/2011 11/16/2011	Bob Duffey

LMR	Levee	Mile	Category	Item	Rating ** Location		Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Photo
1	1.58	1.90	Earthen Levee	Encroachments	LS	СО	Fences	39.782773 ° -121.888178 °	39.778972 ° -121.891563 °	
2	4.46	4.46	Earthen Levee	Animal Control	LS	Α	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.752465 ° -121.914632 °	39.752465 ° -121.914632 °	2 Y
3	4.46	4.46	Earthen Levee	Animal Control	LS	С	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.752465 ° -121.914632 °	39.752465 ° -121.914632 °	

## Levee Inspection Report By Mile - Fall 2011

## **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	8.20	11/16/2011 11/16/2011	Bob Duffey

Levee Mile Report Line	1				
Start Levee Mile	1.58				
End Levee Mile	1.90				
Location	Land Side				
Category	Earthen Levee				
Item	Encroachments				
View of the fence along the landside toe of the levee.					
rduffey_f_20110927_455.jpg					

Levee Mile Report Line	2
Start Levee Mile	4.46
End Levee Mile	4.46
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of the repaired rode slope.	ents borrows along L/S





rduffey\_f\_20111121\_488.jpg

### **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

## **Butte County Public Works**

Waterway	Bank	Unit Miles
Unit No. 02A Channel Slough	Left	0.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	4/20/2011 - 4/20/2011		11/16/2011 - 11/16/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	
Check one:				
project components conditions other tha	vinter (or summer) inspection particles identified in the attached Level in the results of our normal masted in the enclosed report.	ee Inspection Report by	Mile. We have found no chan	ges in flood project
project components maintenance and the	vinter (or summer) inspection per identified in the attached Level e corrections we have made to a flood project conditions.	ee Inspection Report by	Mile. In addition to the results	of our normal
	ction below or on additional sh n (Land Side, Water Side, or C			
Comments				
information must also be	3	eet should be signed ar	nd dated by the LMA Represer ch 31 (Winter Inspection). Plean respection Reports e, Suite 200	ntative and returned to

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.30	11/16/2011 11/16/2011	Bob Duffey

LMR	Levee	Mile	Category	Item	Locat	Rati	Action/Comment	GPS Latitud	GPS Latitude/Longitude		
No.	Start	End	Calegory	item	tion	ng	Action/Comment	Start	End	Photo	
1	0.00	0.30	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	39.733263 ° -121.930042 °	39.733263 ° -121.930042 °		

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.30	11/16/2011 11/16/2011	Bob Duffey

Levee Mile Report Line	1					
Start Levee Mile	0.00					
End Levee Mile	0.30					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
View of the new grass starting to grow.						
rduffey_f_20111121_480.jpg						



### **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

## **Butte County Public Works**

Waterway	Bank	Unit Miles
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.13

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	4/20/2011 - 4/20/2011		11/16/2011 - 11/16/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By			Dave Herfi Butte Co.	

DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By			Dave Herfi Butte Co.	
Check one:				
project components i conditions other than deficiencies identified  During the current wi project components i maintenance and the following changes in	dentified in the attached Lev the results of our normal mad in the enclosed report.  Inter (or summer) inspection dentified in the attached Leve corrections we have made a flood project conditions.  Ition below or on additional sl	ee Inspection Report by aintenance and the corre- period, my staff or I hav ee Inspection Report by to maintenance deficien- meet(s), identify change	e inspected the levee and assort Mile. We have found no chan ections we have made to main the inspected the levee and assort Mile. In addition to the results cies identified in the report, we of condition by: Start to End Leadin, and description of the curre	ges in flood project tenance ociated flood of our normal have found the evee Mile or GPS
Comments				
information must also be s	ubmitted. This Unit Cover Sh heets by September 30 (Sun all of this information to :	neet should be signed ar	e, Suite 200	tative and returned to

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.13	11/16/2011 11/16/2011	Bob Duffey

LMR No	Levee	Mile End	Category	Item	Location	Rating	Action/Comment	GPS Latitud	de/Longitude End	Issue No.
1	0.06	0.06	Earthen Levee	Slope Stability	WS		Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.786068 ° -121.881828 °	39.786068 °	3
2	1.13	1.13	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	39.780155 ° -121.865038 °	39.780155 ° -121.865038 °	

## Levee Inspection Report By Mile - Fall 2011

## **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.13	11/16/2011 11/16/2011	Bob Duffey

Offic No. 03 Sycamore and									
Levee Mile Report Line	1								
Start Levee Mile	0.06								
End Levee Mile	0.06								
Location	Water Side								
Category	Earthen Levee								
Item	Slope Stability								
slope of the levee.  rduffey f 20110927 456.jpg									
Levee Mile Report Line	2								
Start Levee Mile	1.13								
End Levee Mile	1.13								
Location	Land Side								
Category Earthen Levee									
Item	Vegetation								



View of the levee with new grass starting to grow.





Location

## **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

## **Butte County Public Works**

	Water	way		Bank	Unit Miles						
	Right	2.94									
	Spring Summer (September - November) (March - May) (June - August) Fall										
Unit Maintenance Rating (Fall Only)			Α								
Date of Inspection	4/20/2011 - 4/20/2011		11/16/2011 - 11/16/2011								
DWR Inspector	Bob Duffey		Bob Duffey								
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.								
Check one:											
project components conditions other that deficiencies identified.  During the current with project components maintenance and the following changes in the comment see	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p identified in the attached Leve le corrections we have made to n flood project conditions. ction below or on additional sho n (Land Side, Water Side, or C	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no changections we have made to maint e inspected the levee and assort Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in flo tenance ociated fl of our no have fou	ood project  ood  ormal  und the						
Comments											
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to:  DWR Summer/Winter Inspection Reports  3310 El Camino Avenue, Suite 200  Sacramento, CA 95821-9000											

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94	11/16/2011 11/16/2011	Bob Duffey

Levee Mile		Category	egory Item		Rating	Action/Comment	GPS Latitud	GPS Latitude/Longitude		
No.	Start	End	Calegory	пеш	.ocation	ng	Action/Comment	Start	End	Photo
1	0.98	1.05	Earthen Levee	Encroachments	LS C	CO	Fences	39.776013 ° -121.851175 °	39.776595 ° -121.852005 °	1 Y
2	1.16	1.27	Earthen Levee	Encroachments	LS C	СО	Fences	39.776760 ° -121.854022 °	39.777650 ° -121.855687 °	3 Y
3	1.32	1.40	Earthen Levee	Encroachments	LS P	90	Agricultural Ditch	39.778003 ° -121.856403 °	39.778378 ° -121.857953 °	2 Y
4	1.76	1.76	Earthen Levee	Animal Control	LS (	С	Exterminate rodents and backfill and compact or grout burrows.	39.779195 ° -121.864435 °	39.779195 ° -121.864435 °	4

## Levee Inspection Report By Mile - Fall 2011

## **Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94	11/16/2011 11/16/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.98
End Levee Mile	1.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fence and tre toe of the levee.	es along the landside

rduffey\_f\_20110927\_457.jpg

Levee Mile Report Line	2
Start Levee Mile	1.16
End Levee Mile	1.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments
	, ,

View of the fence along the I/s toe.

rduffey\_f\_20111121\_477.jpg

Levee Mile Report Line	3
Start Levee Mile	1.32
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of AG ditch at the L	/S toe.

rduffey\_f\_20110927\_458.jpg







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor

N : Not Inspected, see Inspector Comment

### **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

## **Butte County Public Works**

Waterway	Bank	Unit Miles
Unit No. 05 Big Chico Diversion	Left	1.85

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	4/20/2011 - 4/20/2011		11/16/2011 - 11/16/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	
Check one:				
During the current wi project components i conditions other than deficiencies identified  During the current wi project components i maintenance and the following changes in  (In the comment sec	dentified in the attached Leve the results of our normal mad in the enclosed report.  Inter (or summer) inspection prodentified in the attached Leve corrections we have made to flood project conditions.  Ition below or on additional shape the control of the conditional shape to the conditional s	ee Inspection Report by intenance and the corresponding to I have been spection Report by a maintenance deficient eet(s), identify change a meet(s), identify change a single service.	e inspected the levee and assortions we have found no channections we have made to main e inspected the levee and assortion. In addition to the results cies identified in the report, we for condition by: Start to End Leading, and description of the current.	ges in flood project tenance ociated flood of our normal have found the
Comments				
information must also be s	ubmitted. This Unit Cover Sh heets by September 30 (Sum all of this information to:	eet should be signed ar	e, Suite 200	tative and returned to

X

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	11/16/2011 11/16/2011	Bob Duffey

LMR	Levee	Mile	Category	Item	Location *	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
No.	Start	End	Calegory	item	tion	ng	Action/Comment	Start	End	Photo
1	0.22	0.45	Earthen Levee	Vegetation	WS	С	Remove the wild growth other than native grasses from the levee slopes.	39.761921 ° -121.792929 °	39.761110 ° -121.796950 °	2
2	0.22	0.45	Earthen Levee	Vegetation	LS	С	Remove the wild growth other than native grasses from the levee slopes.	39.761920 ° -121.792930 °	39.761110 ° -121.796951 °	1
3	0.22	0.45	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	39.761921 ° -121.792930 °	39.761921 ° -121.792930 °	3 Y
4	0.22	0.45	Earthen Levee	Vegetation	WS	Α	Remove the wild growth other than native grasses from the levee slopes.	39.761921 ° -121.792930 °	39.761921 ° -121.792930 °	4 Y

## Levee Inspection Report By Mile - Fall 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	11/16/2011 11/16/2011	Bob Duffey

Levee Mile Report Line	3
Start Levee Mile	0.22
End Levee Mile	0.45
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the L/S slope. rduffey_f_20111121_491.jpg	
Levee Mile Report Line	4
Start Levee Mile	0.22
End Levee Mile	0.45

Levee Mile Report Line	4
Start Levee Mile	0.22
End Levee Mile	0.45
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the W/S slope.	
rduffey_f_20111121_490.jpg	



